

10/699,104

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, listings, of claims in the application:

Listing of Claims:

Claims 1-20 (Canceled).

21. (New): A method for controlling at least one machine operable to manufacture electrical devices, said method comprising the steps of:

providing a store of transactional data relating to electrical devices;

providing a store of design data for electrical devices;

retrieving information from said store of transactional data;

producing a list of electrical devices that need to be manufactured based on said information retrieved from said store of transactional data;

selecting from said list a particular electrical device that needs to be manufactured by said at least one machine;

retrieving design data for said particular electrical device from said store of design data;

using said design data to generate control data for controlling said at least one machine to manufacture said particular electrical device;

transmitting said control data to said at least one machine;

receiving real-time information concerning the manufacture of said particular electrical device from said at least one machine; and

updating said store of transactional data to reflect said received real-time

10/699,104

information.

22. (New): The method of claim 21 further comprising:
transmitting order information for electrical devices over a network; and
updating said store of transactional data using said transmitted order
information.

**23. (New): The method of claim 22, wherein said transmitting of said order
information is over the Internet.**

**24. (New): The method of claim 21, wherein said design data comprises
electronic drawings.**

**25. (New): The method of claim 21, wherein said information retrieved from
said store of transactional data includes data relating to scheduling of multiple
processes for manufacturing said particular electrical device.**

**26. (New): The method of claim 25, wherein said particular electronic device is
an electrical transformer.**

**27. (New): The method of claim 26, wherein said information retrieved from
said store of transactional data includes data relating to scheduling of winding, tank**

10/699,104

fabrication and processing.

28. (New): The method of claim 21, wherein said realtime information received from said at least one machine includes completion of an intermediary component of said particular electrical device or the end of a process in the manufacture said intermediary component.

29. (New): The method of claim 21, wherein said at least one machine comprises a plurality of machines.

30. A method for manufacturing an electrical device in a facility, said method comprising:

providing at least one machine operable to manufacture electrical devices;
providing an order server connected by a network to a data exchange server;
providing an enterprise resource planning (ERP) server for storing and providing access to transactional data relating to electrical devices, said ERP server being connected to said data exchange server;

providing a design data server for storing and providing access to design data for electrical devices;

receiving an order for a particular electrical device in said order server;
transmitting said order over said network to said data exchange server;
retrieving information from said ERP server;

10/699,104

determining from said retrieved information whether said facility can manufacture said particular electrical device;

if said facility can manufacture said particular electrical device, retrieving design data for said particular electrical device from said design data server;

using said design data to generate control data for controlling said at least one machine to manufacture said particular electrical device; and

transmitting said control data to said at least one machine.

31. (New): The method of claim 30, wherein said transmitting of said order over said network includes transmitting said information over the Internet.

32. (New): The method of claim 30, wherein said design data comprises electronic drawings.

33. (New): The method of claim 30, wherein said information retrieved from said ERP server includes data relating to scheduling of multiple processes for manufacturing said particular electrical device.

34. (New): The method of claim 33, wherein said particular electronic device is an electrical transformer.

35. (New): The method of claim 34, wherein said information retrieved from

10/699,104

 said ERP server includes data relating to scheduling of winding, tank fabrication and processing.

 36 (New): The method of claim 30, further comprising:
 receiving real-time information concerning the manufacture of said particular electrical device from said at least one machine; and
 updating said transactional data in said ERP server to reflect said received real-time information.